

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
 Data File : BF133161.D
 Acq On : 01 May 2023 18:06
 Operator : CG\JU
 Sample : 02521-14
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB

Quant Time: May 02 05:21:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 01 15:02:31 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	181752	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	744647	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	393741	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	715460	20.000	ng	0.00
76) Chrysene-d12	13.880	240	386608	20.000	ng	-0.01
86) Perylene-d12	15.298	264	370078	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	773915	64.323	ng	0.00
7) Phenol-d6	6.363	99	585190	39.185	ng	-0.01
23) Nitrobenzene-d5	7.298	82	1271778	92.187	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	521479	131.693	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	2116978	89.950	ng	0.00
79) Terphenyl-d14	12.839	244	2524268	112.608	ng	0.00

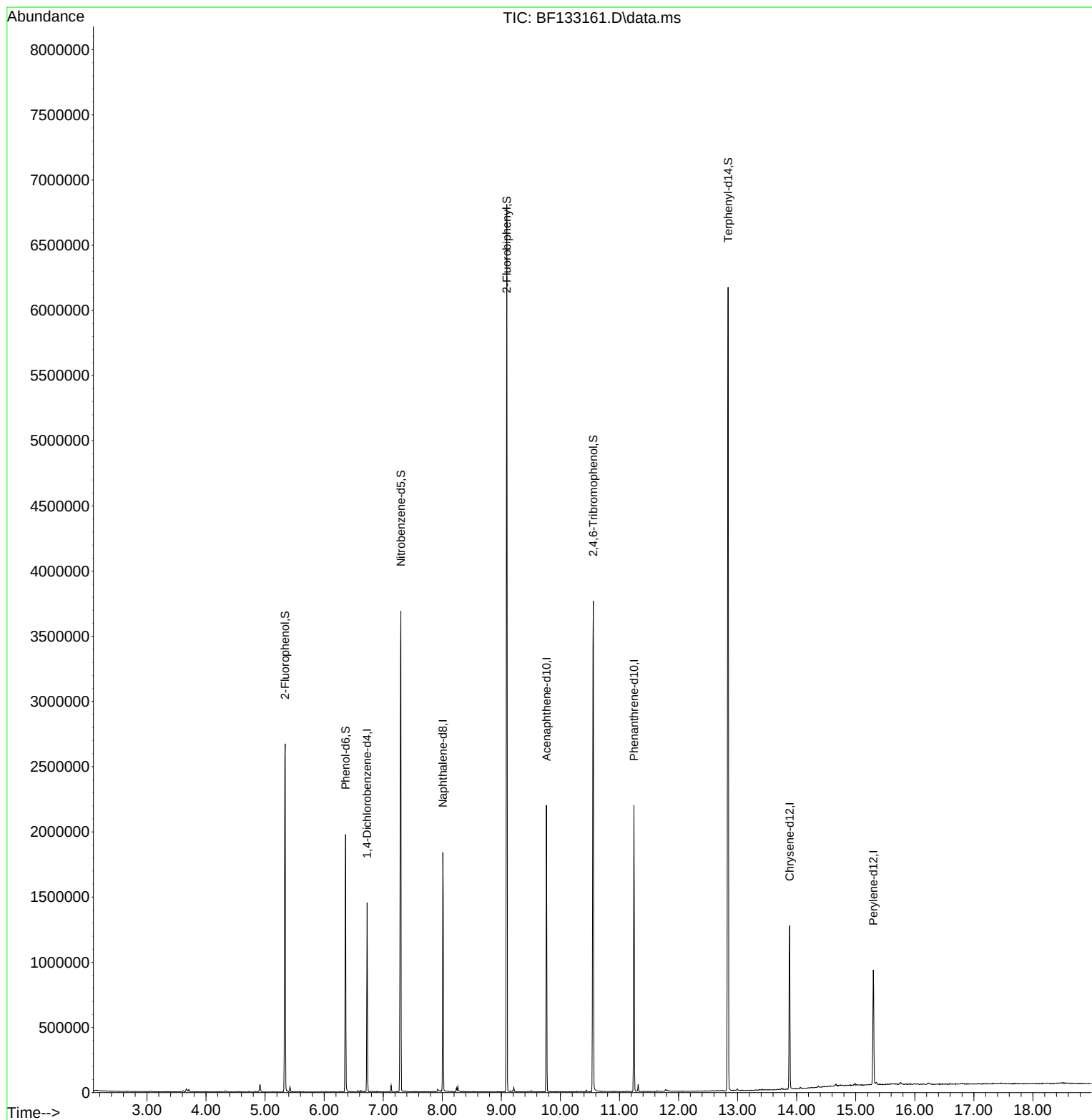
Target Compounds	Qvalue

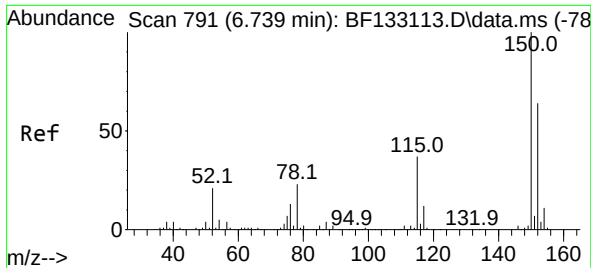
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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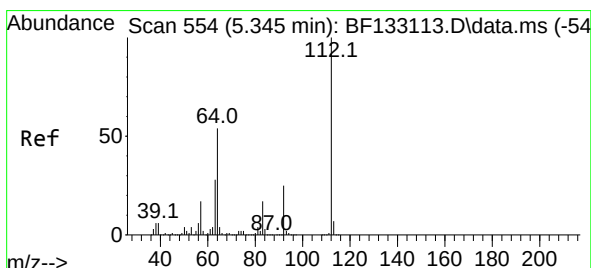
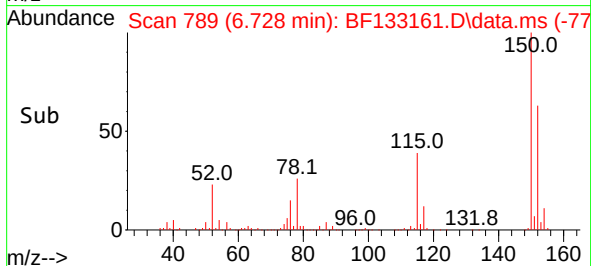
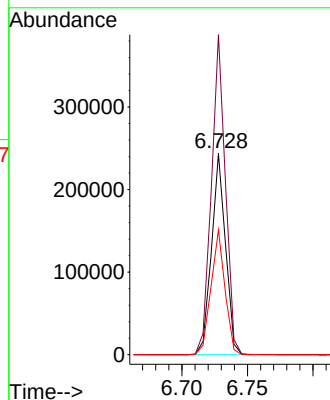
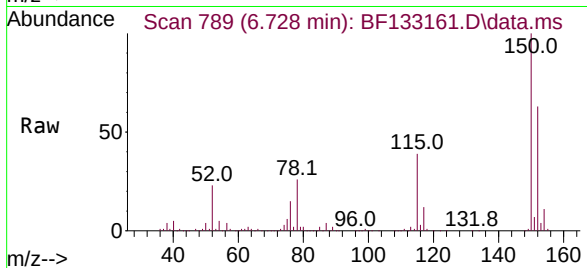




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF133161.D
 Acq: 01 May 2023 18:06

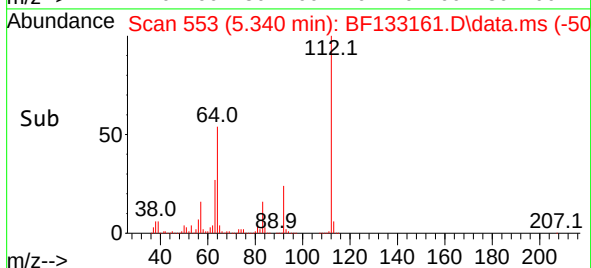
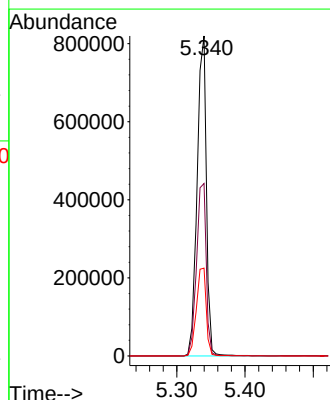
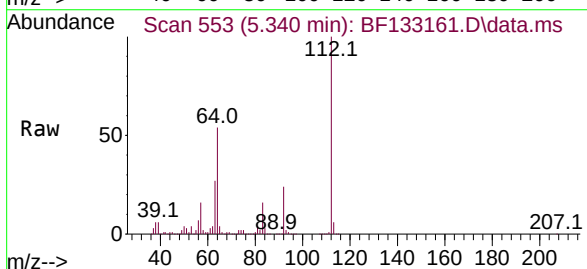
Instrument :
 BNA_F
 ClientSampleId :
 FB

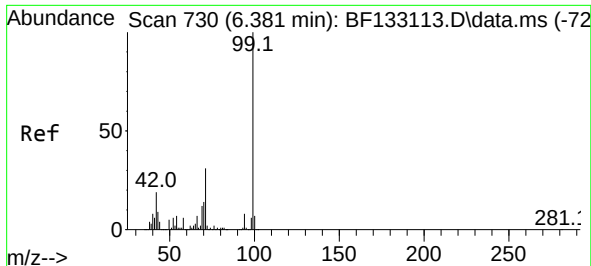
Tgt Ion:152 Resp: 181752
 Ion Ratio Lower Upper
 152 100
 150 159.0 124.8 187.2
 115 62.0 49.9 74.9



#5
 2-Fluorophenol
 Concen: 64.323 ng
 RT: 5.340 min Scan# 553
 Delta R.T. 0.000 min
 Lab File: BF133161.D
 Acq: 01 May 2023 18:06

Tgt Ion:112 Resp: 773915
 Ion Ratio Lower Upper
 112 100
 64 53.9 46.8 70.2
 63 27.5 23.8 35.8





#7

Phenol-d6

Concen: 39.185 ng

RT: 6.363 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF133161.D

Acq: 01 May 2023 18:06

Instrument :

BNA_F

ClientSampleId :

FB

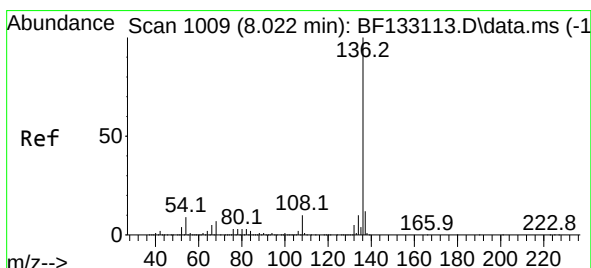
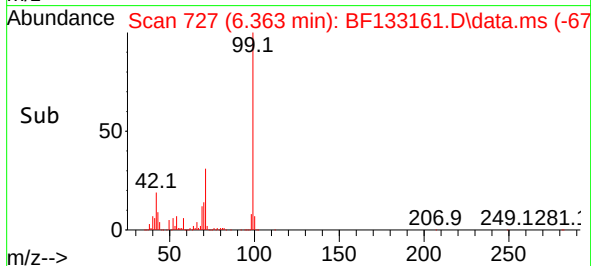
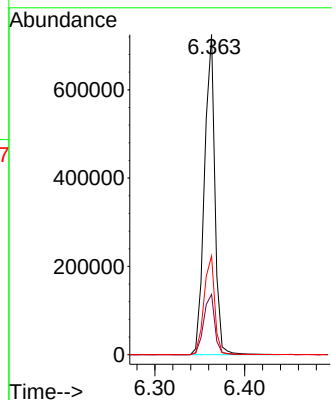
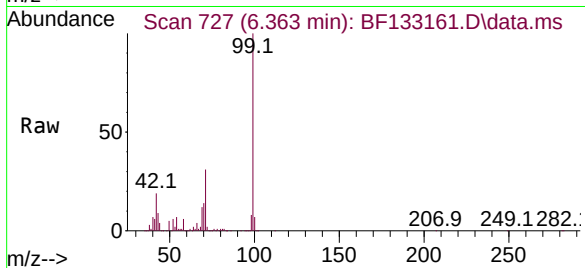
Tgt Ion: 99 Resp: 585190

Ion Ratio Lower Upper

99 100

42 18.9 16.3 24.5

71 30.9 25.6 38.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.010 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF133161.D

Acq: 01 May 2023 18:06

Tgt Ion: 136 Resp: 744647

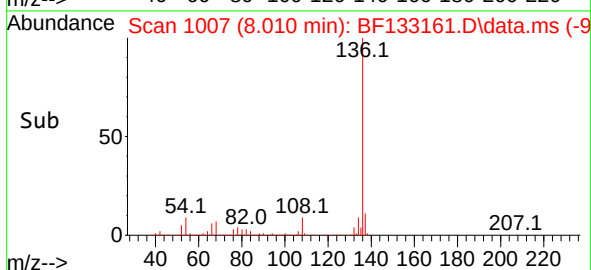
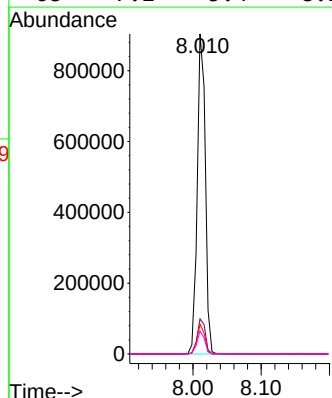
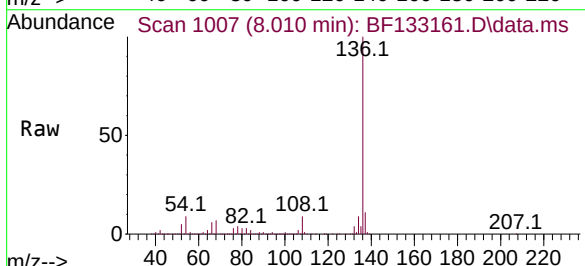
Ion Ratio Lower Upper

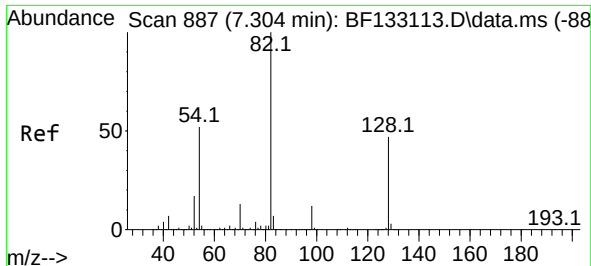
136 100

137 10.9 8.6 13.0

54 9.2 7.0 10.4

68 7.2 5.4 8.2

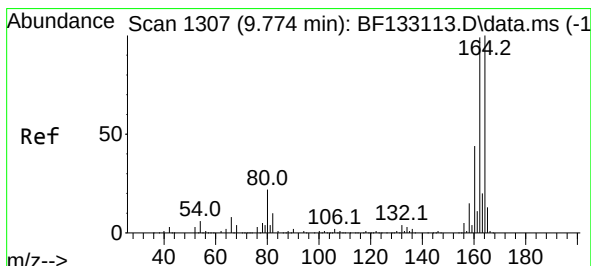
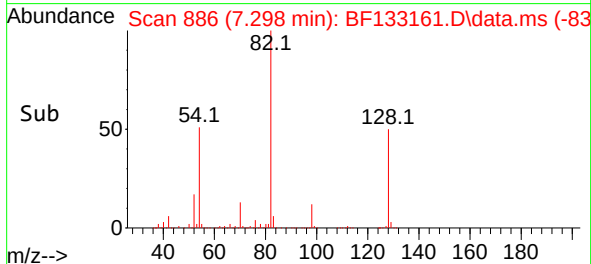
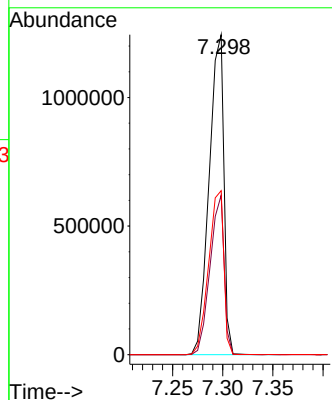
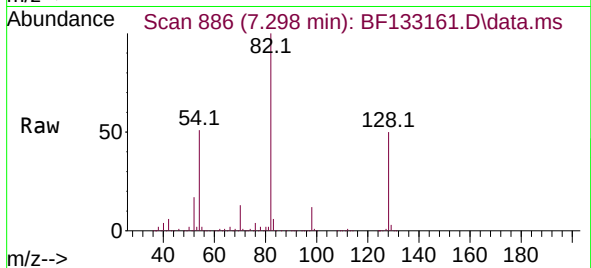




#23
Nitrobenzene-d5
Concen: 92.187 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF133161.D
Acq: 01 May 2023 18:06

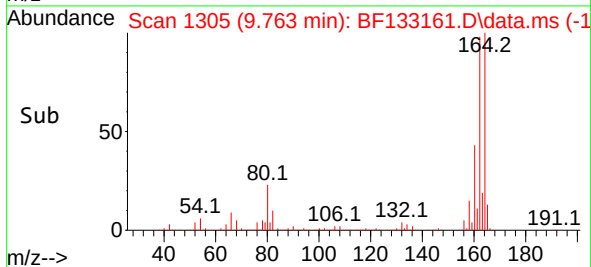
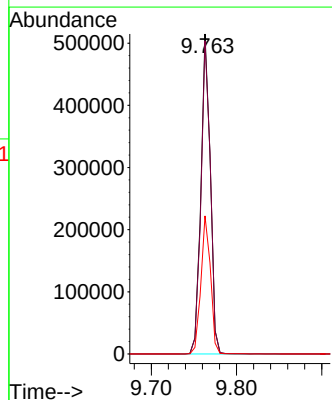
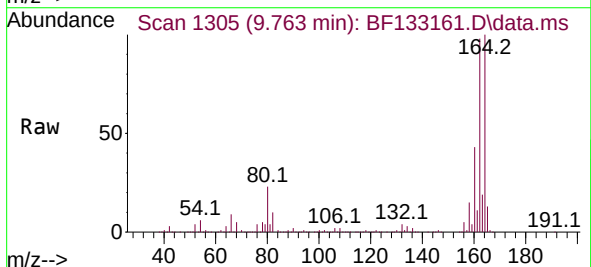
Instrument :
BNA_F
ClientSampleId :
FB

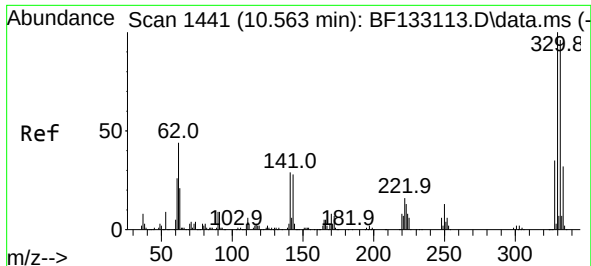
Tgt Ion: 82 Resp: 1271778
Ion Ratio Lower Upper
82 100
128 49.8 37.7 56.5
54 51.2 43.0 64.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BF133161.D
Acq: 01 May 2023 18:06

Tgt Ion: 164 Resp: 393741
Ion Ratio Lower Upper
164 100
162 97.8 78.7 118.1
160 43.2 35.8 53.6

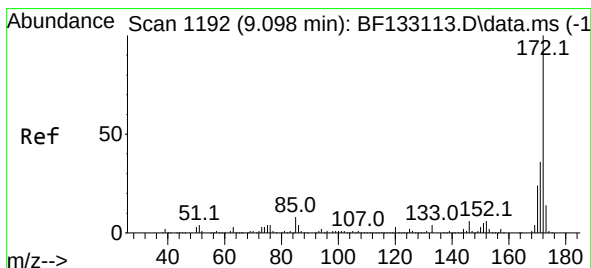
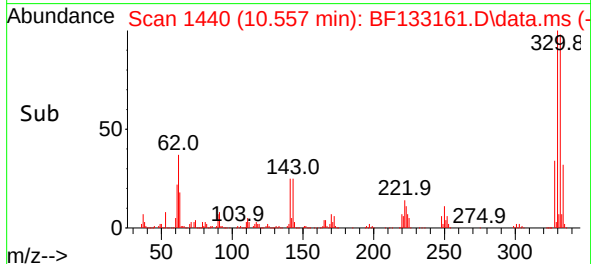
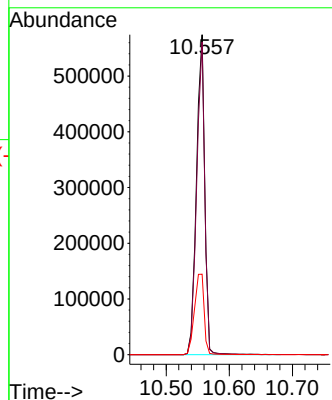
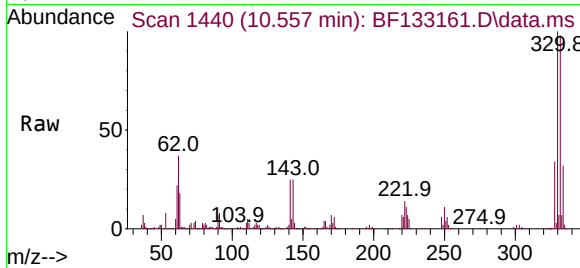




#42
2,4,6-Tribromophenol
Concen: 131.693 ng
RT: 10.557 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF133161.D
Acq: 01 May 2023 18:06

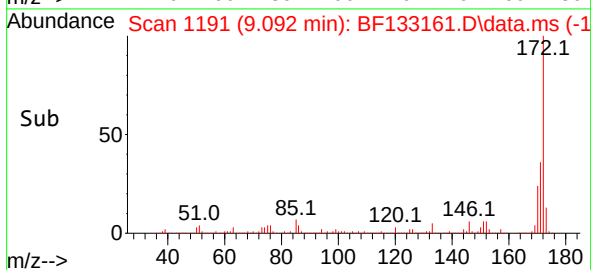
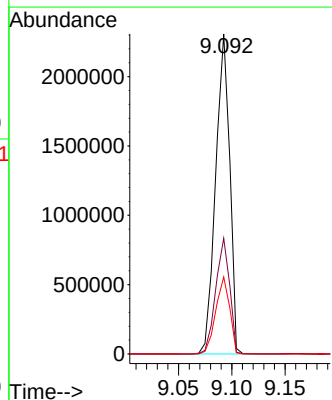
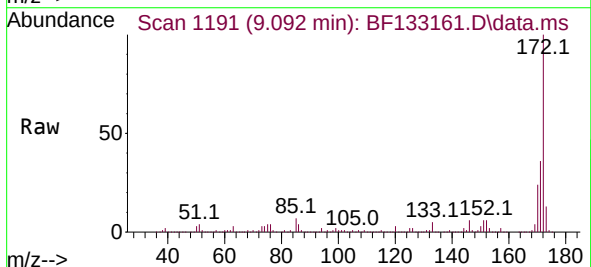
Instrument :
BNA_F
ClientSampleId :
FB

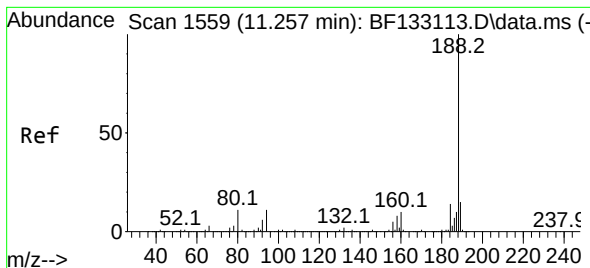
Tgt Ion:330 Resp: 521479
Ion Ratio Lower Upper
330 100
332 95.3 77.1 115.7
141 29.7 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 89.950 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF133161.D
Acq: 01 May 2023 18:06

Tgt Ion:172 Resp: 2116978
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 24.0 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.245 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133161.D

Acq: 01 May 2023 18:06

Instrument :

BNA_F

ClientSampleId :

FB

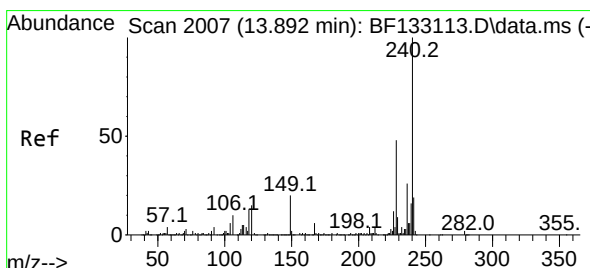
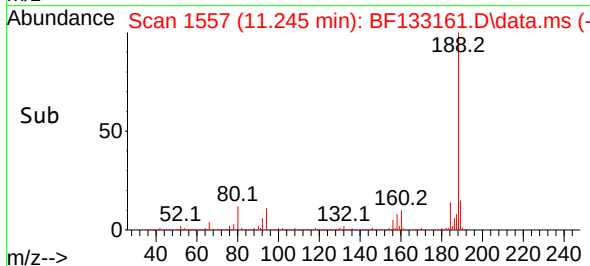
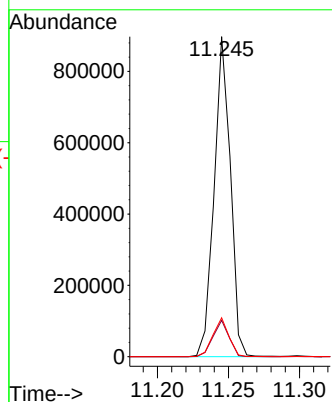
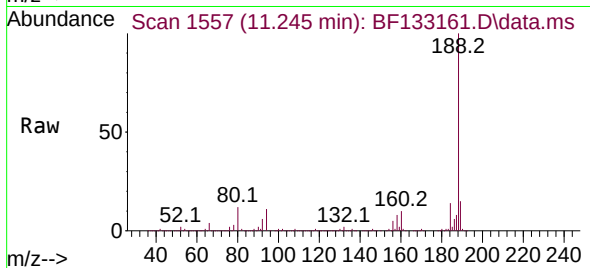
Tgt Ion:188 Resp: 715460

Ion Ratio Lower Upper

188 100

94 11.3 9.7 14.5

80 12.2 10.4 15.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.880 min Scan# 2005

Delta R.T. -0.012 min

Lab File: BF133161.D

Acq: 01 May 2023 18:06

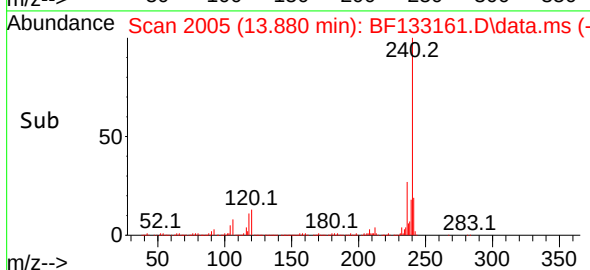
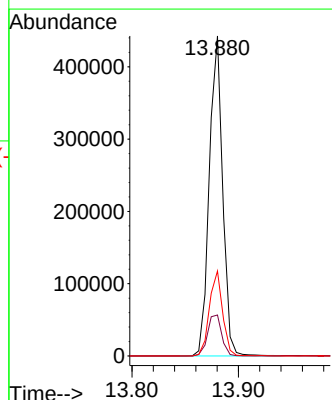
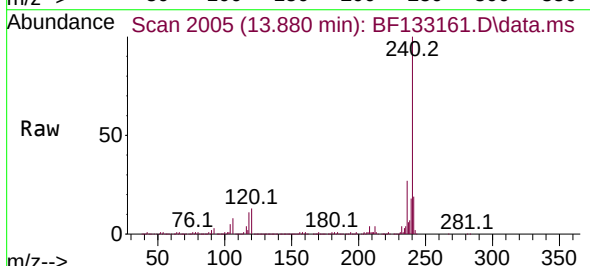
Tgt Ion:240 Resp: 386608

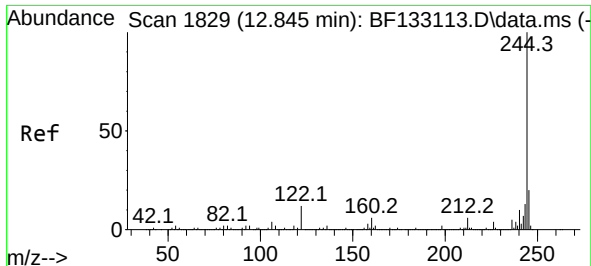
Ion Ratio Lower Upper

240 100

120 12.8 10.5 15.7

236 26.6 21.5 32.3

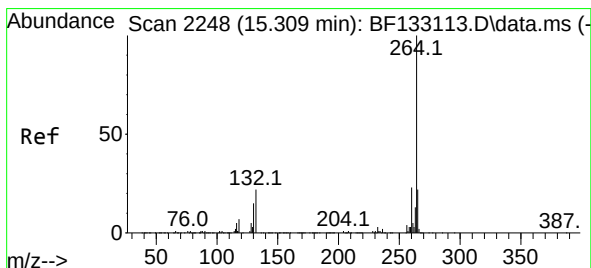
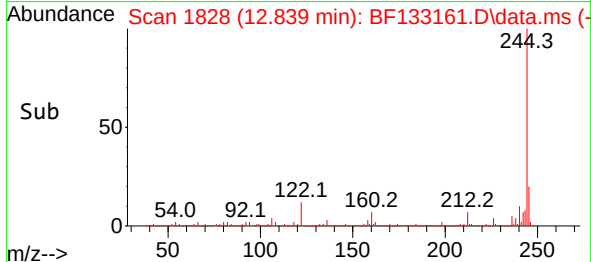
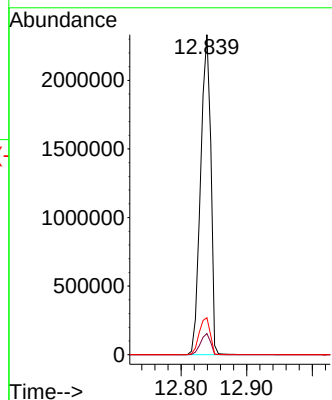
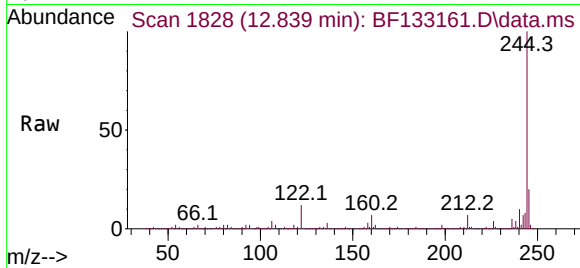




#79
 Terphenyl-d14
 Concen: 112.608 ng
 RT: 12.839 min Scan# 1829
 Delta R.T. 0.000 min
 Lab File: BF133161.D
 Acq: 01 May 2023 18:06

Instrument :
 BNA_F
 ClientSampleId :
 FB

Tgt Ion:244 Resp: 2524268
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 11.5 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.298 min Scan# 2246
 Delta R.T. -0.006 min
 Lab File: BF133161.D
 Acq: 01 May 2023 18:06

Tgt Ion:264 Resp: 370078
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.8 28.2
 265 20.9 17.0 25.4

